



Fw: NM nutrients - GIS analysis sites

Forrest John to: Robert Kirkland, Angel Kosfisz

10/16/2012 02:47 PM

From: Forrest John/R6/USEPA/US
To: Robert Kirkland/R6/USEPA/US, Angel Kosfisz/R6/USEPA/US

Angel and Bob -

Below is the message from Ben Jessup with Tetra Tech. Attached is the original description of GIS indicators for the bedded sediment project. Discussing this with Ben this morning, he did mention the need for both temperature (which wasn't previously generated) and lithology if possible.



NM sediments GIS project FJ Version.doc

For the purpose of economy, in lieu of delineating subwatersheds, would it be less time consuming to use buffers to generate the GIS indicators?

Thank you once again.

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"Far better it is to dare mighty things, to win glorious triumphs, even though checkered by failure, than to take rank with those poor spirits who neither enjoy much nor suffer much, because they live in the gray twilight that knows not victory or defeat." ~ Theodore Roosevelt

"...and 'tis our fast [first] intent to shake all cares and business from our age [of our state]; Conferring them on younger strengths, while we unburden'd crawl toward death..." ~ William Shakespeare's King Lear, Act I

"In every free and deliberating society, there must, from the nature of man, be opposite parties and...dissensions and discords;..." ~ Thomas Jefferson, 1798

----- Forwarded by Forrest John/R6/USEPA/US on 10/16/2012 02:34 PM -----

From: "Jessup, Benjamin" <benjamin.jessup@tetrattech.com>
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Date: 10/16/2012 09:46 AM
Subject: NM nutrients - GIS analysis sites

Hi all;

I think we should schedule another conference call so I can share some progress.

I have attached a list of sites that I think would be worthwhile to include in a GIS analysis. The GIS analysis would allow characterization of site conditions that may affect site classification and

disturbance status. It is important to identify reference sites so that we can analyze reference nutrient conditions and use those sites in site classification. Classification is necessary to determine if the minimally disturbed sites have nutrient conditions that vary with natural settings. We will be classifying by CW, transitional, and WW uses as a start. We will also consider the nutrient regions. I assumed that GIS analysis of all sites would be too cumbersome (887 NMED sites plus 69 NRSA and 73 WSA/EMAP). So I have prioritized as noted in the spreadsheet and recommend GIS analysis of 376 sites. The more the better, though.

Please give at least the 'Notes' page a read before the call. Would Friday the 19th or Tuesday the 23rd work for everyone?

Thanks;

Ben

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